



TECHNICAL BULLETIN NO. 6

PRODUCT: XFLAM® INSULATION

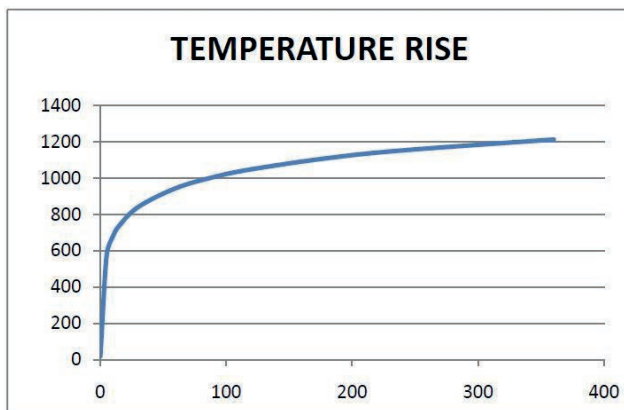
JUNE 2009

SITUATION: FIRE RESISTANCE OF XFLAM PANEL

APPLICATION: THE AUSTRALIAN AND NEW ZEALAND BUILDING CODES CALL UP TEST METHOD AS1530.4 FOR FIRE RESISTANCE.

ISSUE: Safe evacuation for occupants of buildings in the event of fire is a typical application for the use of materials such as XFLAM Panel. The purpose for constructing fire resistant walls is to allow time for the orderly escape of occupants before a rise in temperature becomes critical.

BACKGROUND: A Test wall of 250mm thickness was constructed in a test frame fastened to a standard fire resistance testing furnace.



A standard time temperature curve defined in the standard is followed for the furnace heating. For non-load bearing applications results are expressed in minutes for each of integrity and insulation.

Test Results

PANEL THICKNESS	INTEGRITY (MINS)	INSULATION (MINS)
250mm	120	115

Approval

Technical Manager
XFLAM Pty Ltd

References:
BRANZ Report FR4039 June 2009